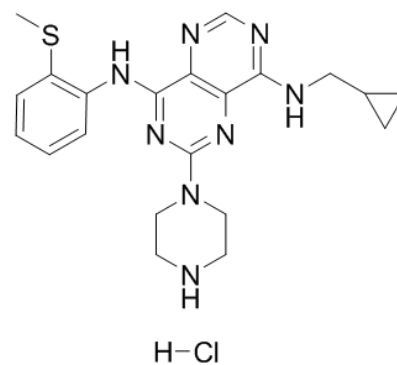


**Product Name** : KHK-IN-8 hydrochloride  
**Cat. No.** : PC-43253  
**CAS No.** : 1303470-48-5  
**Molecular Formula** : C<sub>21</sub>H<sub>27</sub>ClN<sub>8</sub>S  
**Molecular Weight** : 459.0107  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

KHK-IN-8 hydrochloride is a potent **ketoheokinase** (KHK) inhibitor with IC<sub>50</sub> of 12 nM, interacts with Asp-27B in the ATP-binding region of KHK, also shows potent cellular KHK inhibition with IC<sub>50</sub> of <500 nM.

## References

Maryanoff BE, et al. *ACS Med Chem Lett.* 2011 Apr 18;2(7):538-43.

Maryanoff BE, et al. *Bioorg Med Chem Lett.* 2012 Aug 15;22(16):5326-9.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com